

## INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP2004/006114

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H05K7/20 F24F5/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H05K F24F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 017, no. 183 (E-1348), 9 April 1993 (1993-04-09) - & JP 04 335557 A (FUJITSU LTD), 24 November 1992 (1992-11-24) abstract	1
A		2-11
A	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 10, 10 October 2002 (2002-10-10) - & JP 2002 168479 A (TAKASAGO THERMAL ENG CO LTD), 14 June 2002 (2002-06-14) abstract	1
	-/-	
	Express Mail No. EV733141359US Mailed: 07 December 2005	



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*8\* document member of the same patent family

Date of the actual completion of the international search

16 September 2004

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30/09/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 08, 5 August 2002 (2002-08-05) -& JP 2002 122348 A (FUJITSU LTD), 26 April 2002 (2002-04-26) abstract ----	1
A	DE 101 12 389 A (HESS MARTIN) 2 October 2002 (2002-10-02) cited in the application the whole document ----	1
A	EP 0 741 269 A (NIPPON TELEGRAPH & TELEPHONE ; NTT POWER & BUILDING (JP)) 6 November 1996 (1996-11-06) cited in the application the whole document -----	1

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Information on patent family members

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JP 2002122348	A	26-04-2002	NONE	
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			DE 69617089 D1	03-01-2002
			DE 69617089 T2	18-04-2002
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			US 5718628 A	17-02-1998